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Origin and current version of this document:
www.greenbone.net/learningcenter/airgap.html

GSM: Airgap Update

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Introduction

ATTENTION: This page is not maintained anymore and will eventually be removed.
The current state can be found in the Online Version of the GSM user manual at the TechDoc portal.

The Airgap feature makes it possible to use one GSM connected to the Internet to update additional GSMs which may be located in an secure area and not connected to the Internet. Using the Airgap feature, GSMs not connected to the Internet are able to use a recent version of the Greenbone Security Feed and to receive new versions of the Greenbone OS.

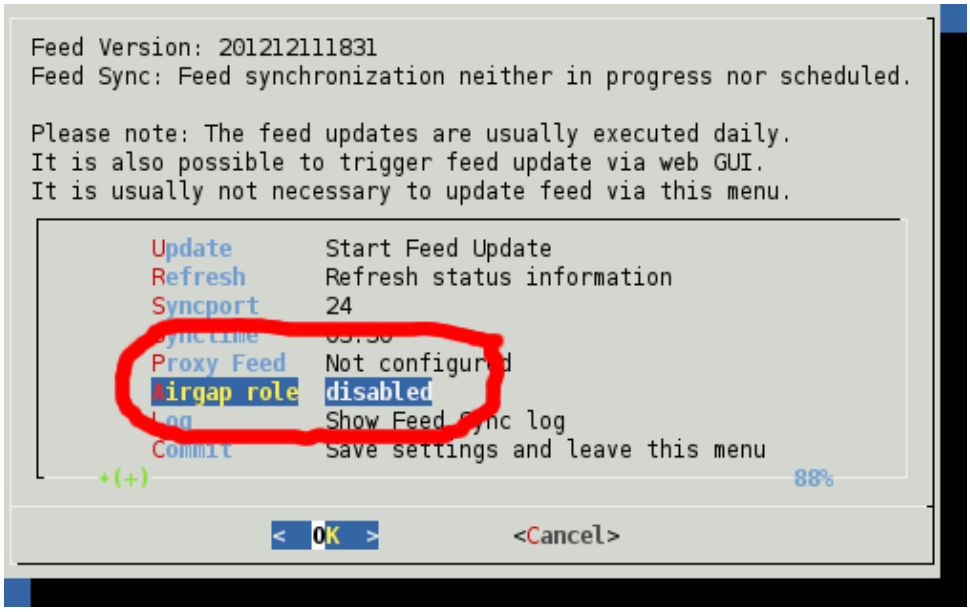
In the following guide, the GSM connected to the Internet will be referred to as the *Airgap-Master*, while GSMs not connected to the Internet will be referred to as *Airgap-Slaves*.

The transfer via USB stick does not require any login and therefore requires no keyboard or monitor. All necessary steps are communicated via the LCD display of the GSM. The only steps in the daily business are: The responsible person walks to the Airgap-Master, pulls the USB stick and plugs it into the Airgap-Slave. After 1-2 minutes the stick is placed back into the Airgap-Master. Optionally the USB stick can be handled by

a USB stick security gate as part of the transfer.

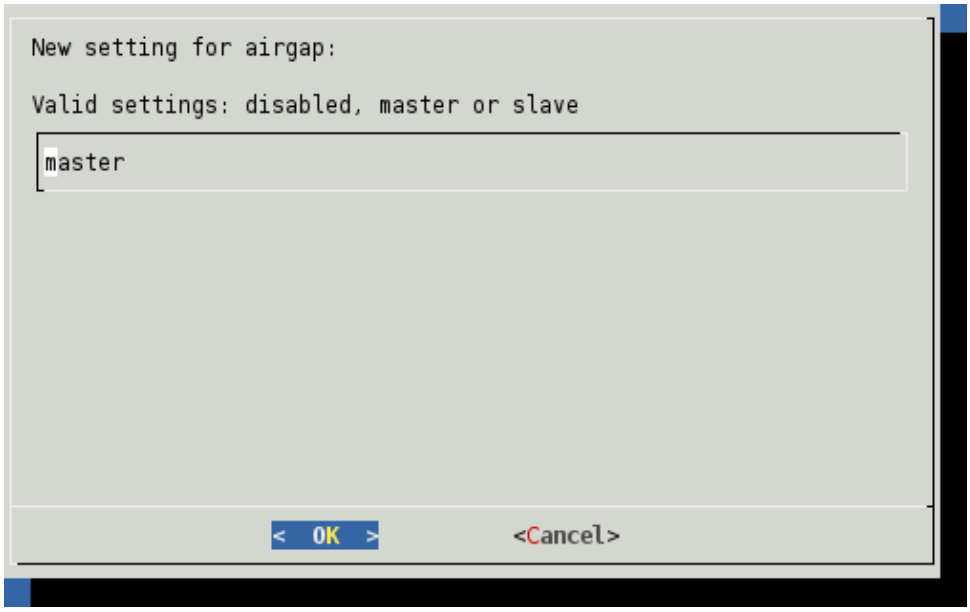
The Airgap feature is available starting with Greenbone OS 2.1.0.

Please note that use of the Airgap feature is only possible with a specially prepared USB flash drive. Please contact the technical support (see Contact) with your customer ID to request a suitable USB flash drive.


Feed Version: 201212111831
Feed Sync: Feed synchronization neither in progress nor scheduled.
Please note: The feed updates are usually executed daily.
It is also possible to trigger feed update via web GUI.
It is usually not necessary to update feed via this menu.
Update Start Feed Update
Refresh Refresh status information
Syncport 24
Proxy Feed
Airgap role disabled
Show Feed Sync log
Commit Save settings and leave this menu
88%
< OK >
<Cancel>

Preparing the Airgap-Master

To use a GSM as Airgap-Master, you have to set this role in the "gos-admin-menu". To do this, select the "Airgap role" entry in the "Feed" menu and set its value to "master". Confirm this change by selecting "Commit".

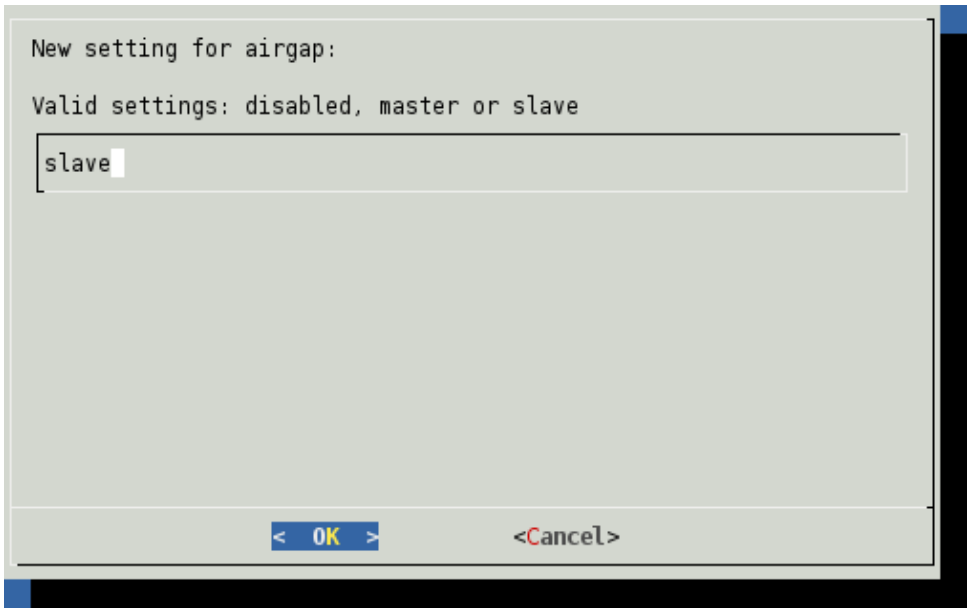


Please note that this change will only affect daily updates taking place after the change. The instructions described in Updating the Airgap USB flash drive via Airgap-Master will only work after the next daily

update.

Preparing the Airgap-Slave

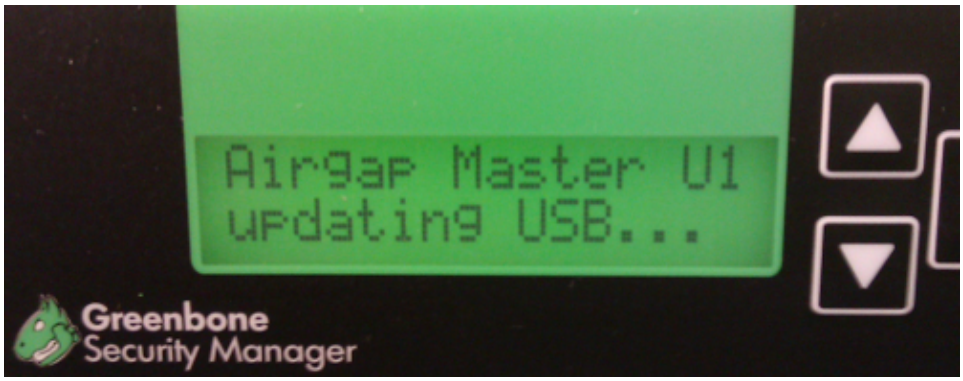
To use a GSM as Airgap-Slave, you have to set this role in the "gos-admin-menu". To do this, select the "Airgap role" entry in the "Feed" menu and set its value to "slave". Confirm this change by selecting "Commit".

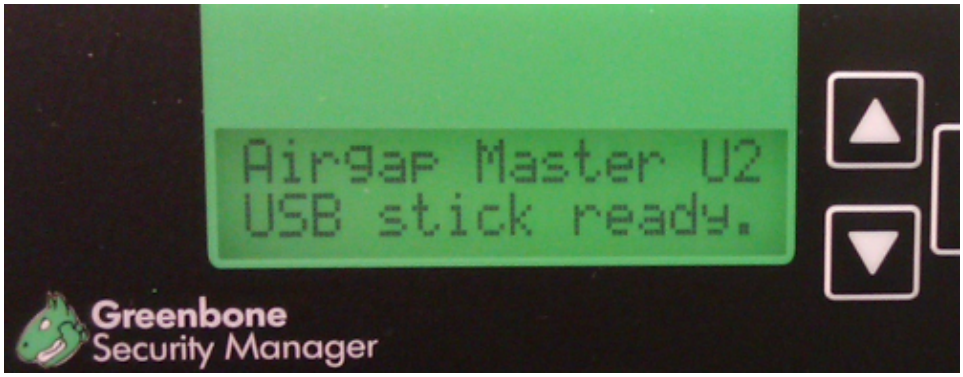


Updating the Airgap USB flash drive via Airgap-Master

In the course of the daily feed update, the Airgap-Master will now automatically create an update package and prepare it for copying to the USB flash drive. When an update package is ready, the message "Airgap Master USB Ready" will appear in the display of the GSM.

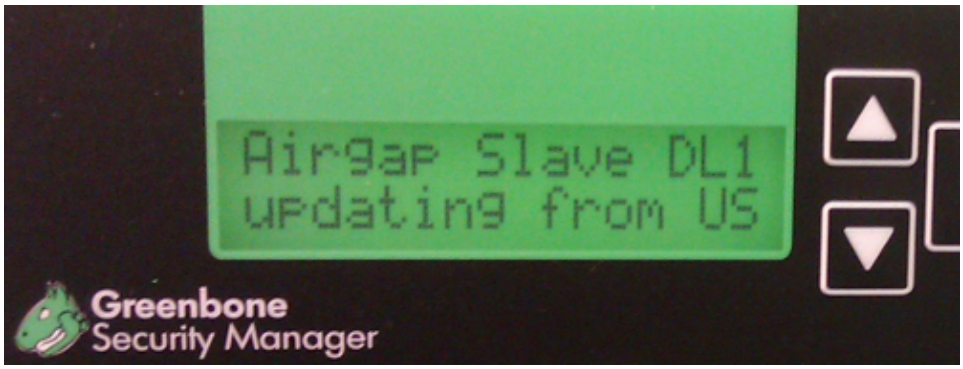
The update of the USB flash drive is automatically triggered by inserting the drive into the GSM. Once the message "ok to remove" appears in the display, it is safe to remove the device.

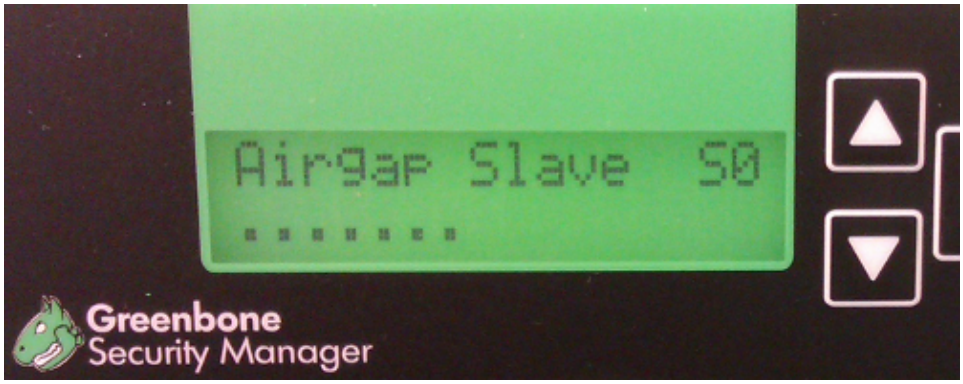


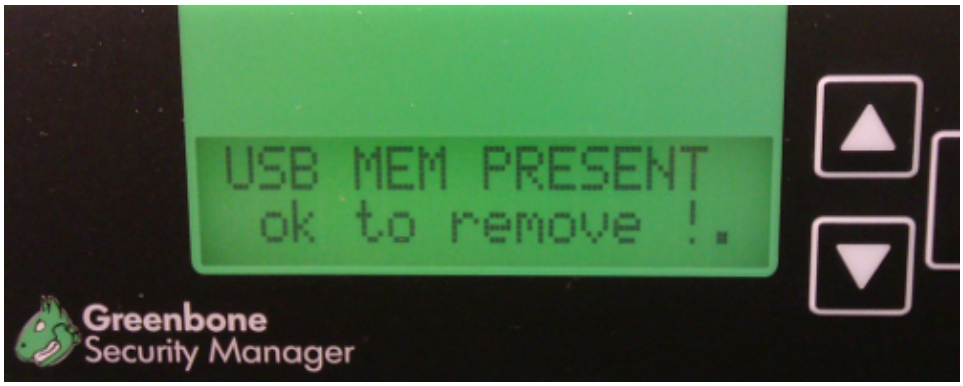


Updating the Airgap-Slave via the Airgap USB flash drive

The USB flash drive created using the Airgap-Master can now be used with the Airgap-Slave. By inserting the USB flash drive into the GSM, the update on the Airgap-Slave is triggered. Once the message "ok to remove" appears in the display, it is safe to remove the device. The Airgap-Slave will now process the update.
Depending on the size of the update, it may take some time until the Airgap-Slave is ready to use the new and updated NVTs.


Airgap Slave DL1
updating from US
Greenbone
Security Manager


Airgap Slave S0
.....
Greenbone
Security Manager


USB MEM PRESENT
ok to remove !.
Greenbone
Security Manager